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APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/666,969 09/19/2003 Chih-Ching Hsien PUSA030907 8603 11/30/2004 EXAMINER Chih-Ching Hsien GRANT, ALVIN J 58 MA YUAN WEST ST. ART UNIT PAPER NUMBER TAICHUNG, **TAIWAN** 3723

DATE MAILED: 11/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Examinate of tam may be available under the provious of 3° CPR 110(s), in no event, however, may a reply be timely filled before the provious of 3° CPR 110(s), in no event, however, may a reply be timely filled before the province of 3° CPR 110(s), and and 3° CPR 110(s). Status 1) Main Responsive to communication(s) filed on 05 August 2004. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1,3-6 and 8-17 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1,3-6 and 8-17 is/are rejected. 7) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 6) Claim(s) is/are abjected to by the Examiner. 10) The drawing(s) filed on is/are: a) cocepted or b) objected to by the Examiner. Application Papers 9) The drawing(s) filed on is/are: a) cocepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held			A
## Examiner Art Unit 3723 The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be enabled under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be simply fled states 37 in 94 MONTH(S) From the mailing date of this communication. If MO period for reply is specified above, the maximum statutory praided will apply and will expire SM (e) MONTHS from the mailing date of this communication. If MO period for reply is specified above, the maximum statutory praided will apply and will be precised by the provision of this communication. If MO period for reply is specified above, the maximum statutory praided will apply and will be precised by the provision of the communication. If MO period for reply is specified above, the maximum statutory praided will apply and will be precised by the provision of this communication. If MO period for reply is specified above, the maximum statutory praided will apply and will be precised statutory praided will be precised by the provision of the communication. If MO period for reply is specified above, the maximum statutory praided will apply and will be precised statutory praided will be precised and the provision of the communication. If MO period for reply is specified above, the maximum statutory praided will apply and will be precised statutory praided will apply and will be precised statutory praided will apply and will be precised statutory praided and precise statutory praided will apply and will be precised statutory praided will apply and will be precised statutory provision. Statutory and the provision of the pr		Application No.	Applicant(s)
Avin J Grant		10/666,969	HSIEN, CHIH-CHING
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10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	Application Papers	•	
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DETAILED ACTION

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1, 3-6 and 8-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Waterval '230 in view of Chow '422.

Waterval discloses a socket comprising a main body including a first cylinder, and a second cylinder integrally formed on the first cylinder, wherein: the first cylinder of the main body has an outer periphery formed with a plurality of outer teeth, the second cylinder of the main body has an inner periphery formed with a plurality of inner teeth, the inner teeth of the second cylinder of the main body and the outer teeth of the first cylinder of the main body have the same tooth number and have the corresponding tooth shape; the first and second cylinders of the main body are formed with twelve outer teeth; the outer teeth of the first cylinder of the main body are arranged in an annular manner; the second cylinder of the main body is formed with twelve inner teeth; and the inner teeth of the second cylinder of the main body are in line with the outer teeth of the first cylinder of the main body. Waterval does not specifically disclose the teeth having arcuate shape. Chow discloses a socket wherein the teeth are arcuate in shape so as to provide more surface area contact with the mating part. It would have been obvious to one having ordinary skill in the art at the time the invention was made to have made the teeth of Watervel's socket to have arcuate shapes as taught by Chow so as to provide more surface area contact with the mating part.

Response to Arguments

3. Applicant's arguments with respect to claim1, 3-6 and 8-17 have been considered but are moot in view of the new ground(s) of rejection.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should

be directed to Alvin J Grant whose telephone number is (703) 305-3315. The examiner can normally be

reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Joseph J Hail can be reached on (703) 308-2687. The fax phone number for the organization where this

application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application

Information Retrieval (PAIR) system. Status information for published applications may be obtained from

either Private PAIR or Public PAIR. Status information for unpublished applications is available through

Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC)

at 866-217-9197 (toll-free).

ajg

Joseph J. Hail, III Supervisory Patent Examiner

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Technology Center 3700